

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

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TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 5 MAY 10 CA/CAplus enhanced with 1900-1906 U.S. patent records  
NEWS 6 MAY 11 KOREAPAT updates resume  
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAplus and  
USPATFULL/USPAT2  
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAplus  
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and  
and display fields  
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 17:09:45 ON 28 JUN 2006

=> file caplus .  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'CAPLUS' ENTERED AT 17:10:02 ON 28 JUN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 28 Jun 2006 VOL 145 ISS 1  
FILE LAST UPDATED: 27 Jun 2006 (20060627/ED)

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<http://www.cas.org/infopolicy.html>

=> s us 2005-0245522/pn  
L1 1 US 2005-0245522/PN  
(US2005245522/PN)

=> sel rn  
E1 THROUGH E28 ASSIGNED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.49	2.70

FILE 'REGISTRY' ENTERED AT 17:10:19 ON 28 JUN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 JUN 2006 HIGHEST RN 889765-67-7  
DICTIONARY FILE UPDATES: 27 JUN 2006 HIGHEST RN 889765-67-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\* \*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information

on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s el-e28

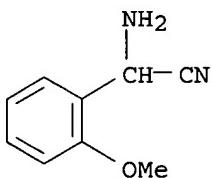
1 104839-08-9/BI  
(104839-08-9/RN)  
1 109-01-3/BI  
(109-01-3/RN)  
1 110-91-8/BI  
(110-91-8/RN)  
1 14166-21-3/BI  
(14166-21-3/RN)  
1 2252-63-3/BI  
(2252-63-3/RN)  
1 37353-41-6/BI  
(37353-41-6/RN)  
1 6011-14-9/BI  
(6011-14-9/RN)  
1 639792-00-0/BI  
(639792-00-0/RN)  
1 639792-01-1/BI  
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1 639792-02-2/BI  
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1 639792-03-3/BI  
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1 639792-04-4/BI  
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(639792-10-2/RN)  
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1 639792-12-4/BI  
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(639792-18-0/RN)  
1 70931-28-1/BI  
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1 71749-03-6/BI  
(71749-03-6/RN)  
1 71965-46-3/BI  
(71965-46-3/RN)  
1 96894-64-3/BI  
(96894-64-3/RN)

L2 28 (104839-08-9/BI OR 109-01-3/BI OR 110-91-8/BI OR 14166-21-3/BI  
OR 2252-63-3/BI OR 37353-41-6/BI OR 6011-14-9/BI OR 639792-00-0/  
BI OR 639792-01-1/BI OR 639792-02-2/BI OR 639792-03-3/BI OR 63979  
2-04-4/BI OR 639792-05-5/BI OR 639792-06-6/BI OR 639792-07-7/BI

OR 639792-08-8/BI OR 639792-09-9/BI OR 639792-10-2/BI OR 639792-1  
1-3/BI OR 639792-12-4/BI OR 639792-13-5/BI OR 639792-14-6/BI OR  
639792-15-7/BI OR 639792-18-0/BI OR 70931-28-1/BI OR 71749-03-6/B  
I OR 71965-46-3/BI OR 96894-64-3/BI)

=> d 1-28

L2 ANSWER 1 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-18-0 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Benzeneacetonitrile,  $\alpha$ -amino-2-methoxy-, monohydrochloride (9CI)  
(CA INDEX NAME)  
MF C9 H10 N2 O . Cl H  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (96929-45-2)

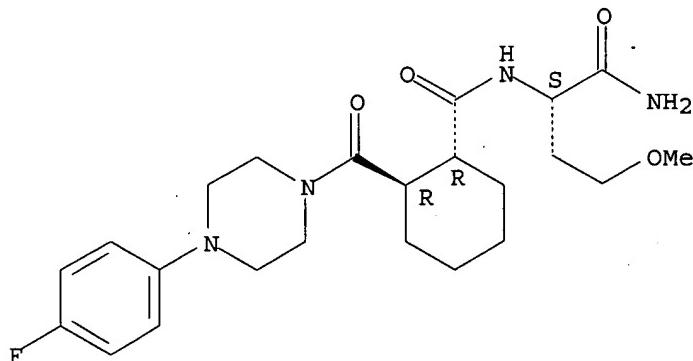


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-15-7 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[(1S)-1-(aminocarbonyl)-3-methoxypropyl]-2-[(4-  
(4-fluorophenyl)-1-piperazinyl]carbonyl-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H33 F N4 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



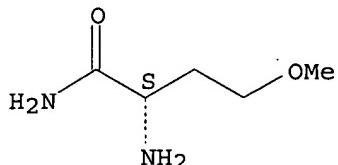
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-14-6 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Butanamide, 2-amino-4-methoxy-, monohydrochloride, (2S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C5 H12 N2 O2 . Cl H  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 CRN (735262-94-9)

Absolute stereochemistry.

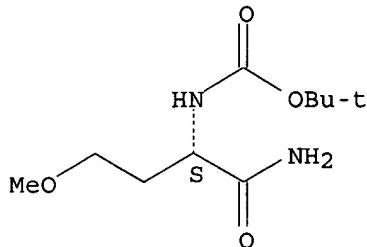


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-13-5 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Carbamic acid, [(1S)-1-(aminocarbonyl)-3-methoxypropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C10 H20 N2 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

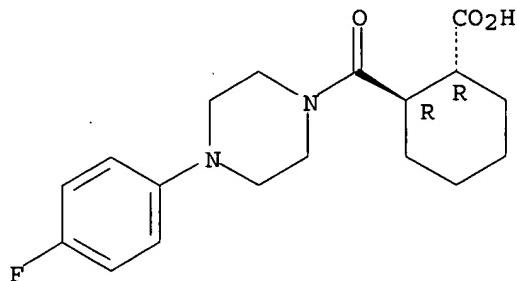
L2 ANSWER 5 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-12-4 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxylic acid, 2-[[4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH

MF C18 H23 F N2 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 639792-11-3 REGISTRY

ED Entered STN: 21 Jan 2004

CN Cyclohexanecarboxylic acid, 2-[(4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, methyl ester, (1R,2R)- (9CI) (CA INDEX NAME)

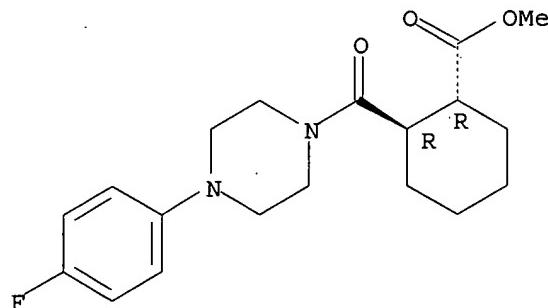
FS STEREOSEARCH

MF C19 H25 F N2 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 639792-10-2 REGISTRY

ED Entered STN: 21 Jan 2004

CN Cyclohexanecarboxylic acid, 2-[[[cyano(2-methoxyphenyl)methyl]amino]carbon yl]-, (1R,2R)-rel- (9CI) (CA INDEX NAME)

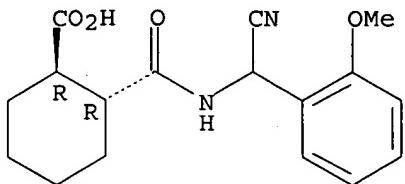
FS STEREOSEARCH

MF C17 H20 N2 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

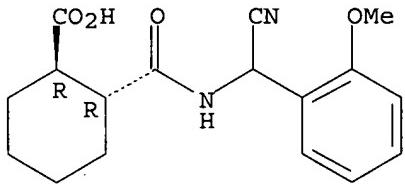


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-09-9 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxylic acid, 2-[[[cyano(2-methoxyphenyl)methyl]amino]carbon  
yl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H20 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

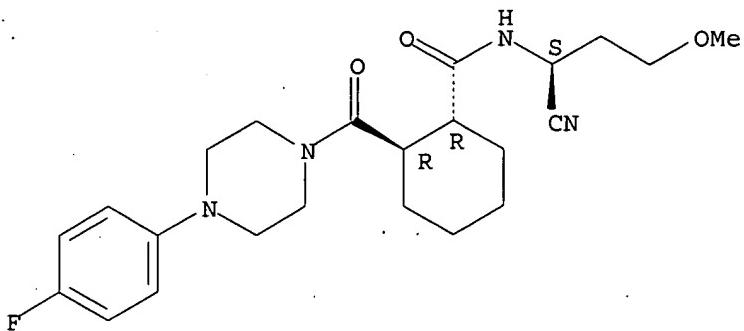


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-08-8 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[(1S)-1-cyano-3-methoxypropyl]-2-[4-(4-  
fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H31 F N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

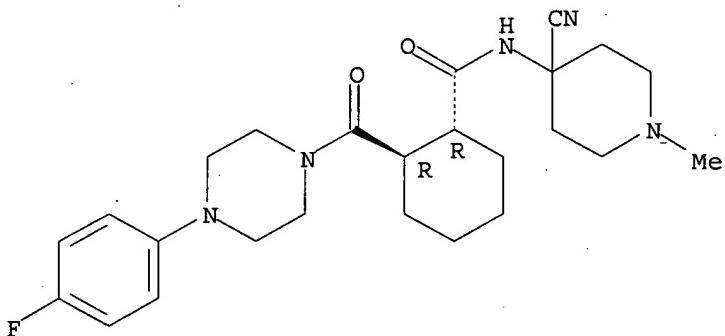


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-07-7 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-(4-cyano-1-methyl-4-piperidinyl)-2-[(4-(4-fluorophenyl)-1-piperazinyl)carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C25 H34 F N5 O2  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

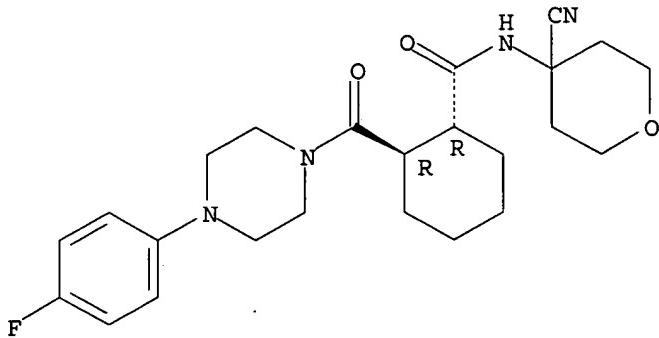


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-06-6 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-(4-cyanotetrahydro-2H-pyran-4-yl)-2-[(4-(4-fluorophenyl)-1-piperazinyl)carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C24 H31 F N4 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

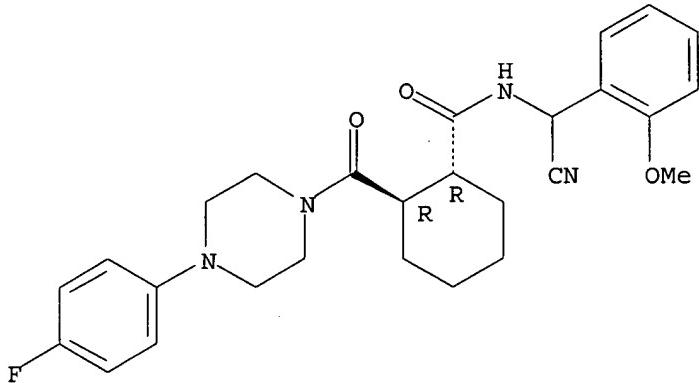


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-05-5 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[[4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C27 H31 F N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

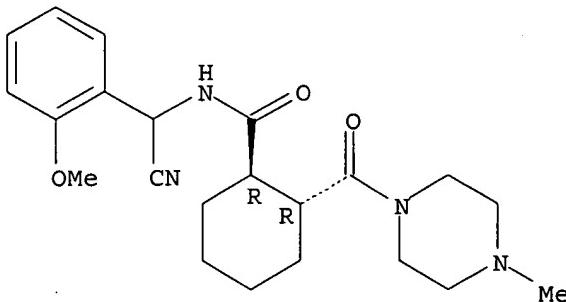


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-04-4 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[(4-methyl-1-piperazinyl)carbonyl]-, (1R,2R)-rel- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H30 N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

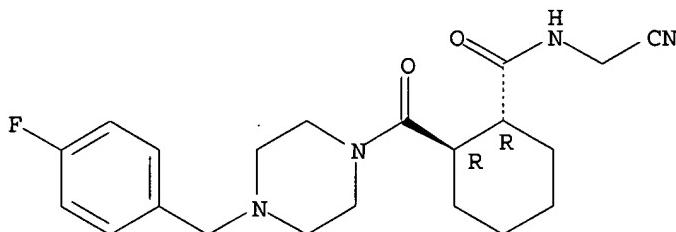


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-03-3 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-(cyanomethyl)-2-[[4-[(4-fluorophenyl)methyl]-1-piperazinyl]carbonyl]-, (1R,2R)-rel- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H27 F N4 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

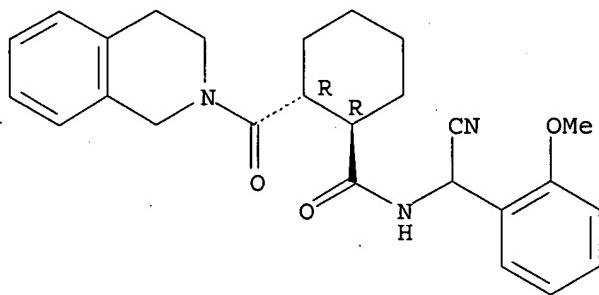


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-02-2 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[(3,4-dihydro-2(1H)-isoquinolinyl)carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C26 H29 N3 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

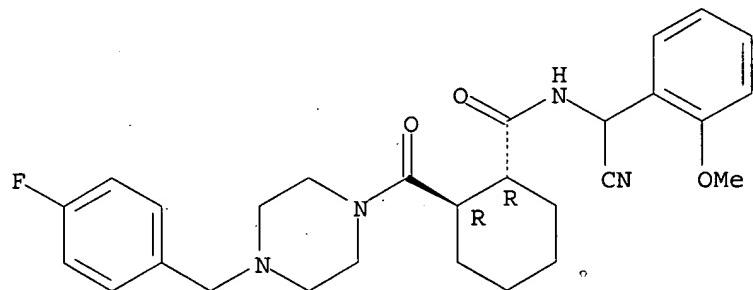


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-01-1 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[(4-fluorophenyl)methyl]-1-piperazinylcarbonyl-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C28 H33 F N4 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

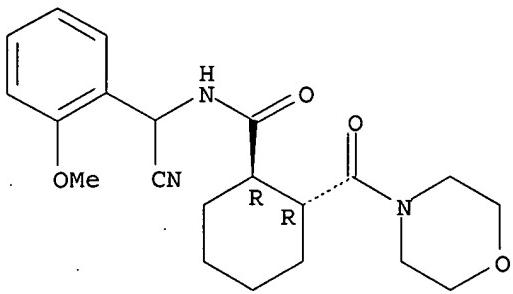


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-00-0 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-(4-morpholinylcarbonyl)-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C21 H27 N3 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

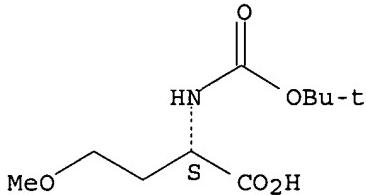


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 104839-08-9 REGISTRY  
ED Entered STN: 25 Oct 1986  
CN L-Homoserine, N-[(1,1-dimethylethoxy)carbonyl]-O-methyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN N-tert-Butoxycarbonyl-O-methyl-L-homoserine  
FS STEREOSEARCH  
MF C10 H19 N O5  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

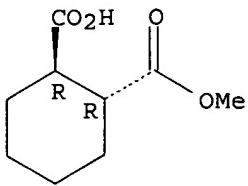


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 96894-64-3 REGISTRY  
ED Entered STN: 23 Jun 1985  
CN 1,2-Cyclohexanedicarboxylic acid, monomethyl ester, (1R,2R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,2-Cyclohexanedicarboxylic acid, monomethyl ester, (1R-trans)-  
OTHER NAMES:  
CN (1R,2R)-1,2-Cyclohexanedicarboxylic acid monomethyl ester  
FS STEREOSEARCH  
MF C9 H14 O4  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMINFORMRX, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 71965-46-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Cathepsin S (9CI) (CA INDEX NAME)  
MF Unspecified  
CI COM, MAN  
LC STN Files: AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CIN, EMBASE, PROMT, TOXCENTER, USPAT2, USPATFULL

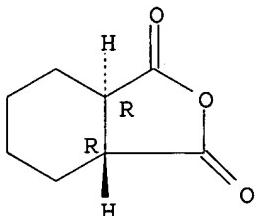
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

631 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
636 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 71749-03-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Isobenzofurandione, hexahydro-, (3aR,7aR)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,3-Isobenzofurandione, hexahydro-, (3aR-trans)-  
OTHER NAMES:  
CN (+)-trans-Cyclohexane-1,2-dicarboxylic anhydride  
FS STEREOSEARCH  
MF C8 H10 O3  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CSCHEM, GMELIN\*, SPECINFO, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).

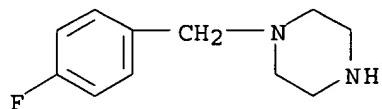


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1907 TO DATE)  
14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 22 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 70931-28-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Piperazine, 1-[(4-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-(4-Fluorobenzyl)piperazine  
CN 1-(p-Fluorobenzyl)piperazine  
CN N-(4-Fluorobenzyl)piperazine  
FS 3D CONCORD  
MF C11 H15 F N2  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM,  
TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

62 REFERENCES IN FILE CA (1907 TO DATE)  
62 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 23 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 37353-41-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Proteinase, cysteine (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Cysteine endopeptidase  
CN Cysteine endoprotease  
CN Cysteine peptidase  
CN Cysteine protease  
CN Cysteine proteinase  
CN L-Cysteine proteinase  
CN Mercapto proteinase  
CN Sulfhydryl endopeptidase  
CN Sulfhydryl esterase  
CN Sulfhydryl protease  
CN Sulfhydryl proteinase  
CN Thiol endopeptidase  
CN Thiol endoproteinase  
CN Thiol protease  
CN Thiol proteinase  
CN Thioprotease  
CN Trigger peptidase  
DR 51484-59-4, 116155-86-3, 116412-41-0, 117990-23-5  
MF Unspecified  
CI MAN  
LC STN Files: ADISNEWS, AGRICOLA, BIOSIS, BIOTECHNO, CA, CAPLUS, CIN,  
EMBASE, MEDLINE, PROMT, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

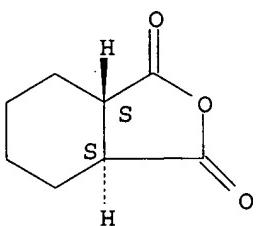
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4244 REFERENCES IN FILE CA (1907 TO DATE)  
37 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
4256 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 14166-21-3 REGISTRY

ED    Entered STN: 16 Nov 1984  
 CN    1,3-Isobenzofurandione, hexahydro-, (3aR,7aR)-rel- (9CI)    (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN    1,2-Cyclohexanedicarboxylic anhydride, trans- (8CI)  
 CN    1,3-Isobenzofurandione, hexahydro-, trans-  
 OTHER NAMES:  
 CN    dl-trans-1,2-Cyclohexanedicarboxylic anhydride  
 CN    trans-1,2-Cyclohexanedicarboxylic anhydride  
 CN    trans-Cyclohexane-1,2-dicarboxylic acid anhydride  
 CN    trans-Hexahydrophthalic anhydride  
 FS    STEREOSEARCH  
 DR    128049-67-2, 97233-90-4  
 MF    C8 H10 O3  
 LC    STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,  
       CHEMLIST, CSCHEM, GMELIN\*, SPECINFO, TOXCENTER, USPATFULL  
       (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
       (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

124 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 124 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2    ANSWER 25 OF 28    REGISTRY    COPYRIGHT 2006 ACS on STN  
 RN    6011-14-9    REGISTRY  
 ED    Entered STN: 16 Nov 1984  
 CN    Acetonitrile, amino-, monohydrochloride (9CI)    (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN    Glycinonitrile, monohydrochloride (8CI)  
 OTHER NAMES:  
 CN     $\alpha$ -Aminoacetonitrile hydrochloride  
 CN    2-Aminoacetonitrile hydrochloride  
 CN    Aminoacetonitrile hydrochloride  
 CN    Aminoacetonitrile monohydrochloride  
 CN    Glycinonitrile hydrochloride  
 MF    C2 H4 N2 . Cl H  
 LC    STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM,  
       IFICDB, IFIPAT, IFIUDB, MRCK\*, MSDS-OHS, PS, RTECS\*, TOXCENTER, USPAT2,  
       USPATFULL  
       (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
       (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN    (540-61-4)

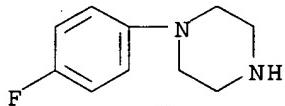
H<sub>2</sub>N—CH<sub>2</sub>—C≡N

● HCl

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

263 REFERENCES IN FILE CA (1907 TO DATE)  
265 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 26 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 2252-63-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Piperazine, 1-(4-fluorophenyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Piperazine, 1-(p-fluorophenyl)- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1-(4-Fluorophenyl)piperazine  
CN 1-(p-Fluorophenyl)piperazine  
CN 4-(4-Fluorophenyl)piperazine  
CN N-(4-Fluorophenyl)piperazine  
CN N-(p-Fluorophenyl)piperazine  
CN p-Fluorophenylpiperazine  
FS 3D CONCORD  
MF C10 H13 F N2  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB,  
MEDLINE, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

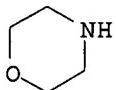


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

635 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
637 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 27 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 110-91-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Morpholine (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-Oxa-4-azacyclohexane  
CN 2H-1,4-Oxazine, tetrahydro-  
CN 4H-1,4-Oxazine, tetrahydro-  
CN BASF 238  
CN Diethylene imidoxide  
CN Diethylene oximide  
CN Diethylenimide oxide  
CN Drewamine

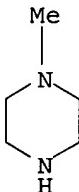
CN NSC 9376  
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 CN Tetrahydro-1,4-oxazine  
 CN Tetrahydro-2H-1,4-oxazine  
 CN Tetrahydro-p-oxazine  
 FS 3D CONCORD  
 DR 854893-20-2, 99108-56-2, 96122-95-1, 147366-31-2, 88542-81-8  
 MF C4 H9 N O  
 CI COM, RPS  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
     CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
     CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT,  
     ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT,  
     IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PIRA, PROMT, PS, RTECS\*,  
     SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB  
     (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

20854 REFERENCES IN FILE CA (1907 TO DATE)  
 906 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 20928 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 28 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 109-01-3 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Piperazine, 1-methyl- (8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 1-Methylpiperazine  
 CN N-Methylpiperazine  
 CN NSC 30195  
 CN NSC 30675  
 FS 3D CONCORD  
 MF C5 H12 N2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
     CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
     CHEMSAFE, CSCHEM, DETHERM\*, EMBASE, GMELIN\*, IFICDB, IFIPAT, IFIUDB,  
     IPA, MEDLINE, MSDS-OHS, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE,  
     TOXCENTER, USPAT2, USPATFULL  
     (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

6552 REFERENCES IN FILE CA (1907 TO DATE)  
96 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
6570 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus  
COST IN U.S. DOLLARS . SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 54.08 56.78

FILE 'CAPLUS' ENTERED AT 17:11:34 ON 28 JUN 2006  
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FILE COVERS 1907 - 28 Jun 2006 VOL 145 ISS 1  
FILE LAST UPDATED: 27 Jun 2006 (20060627/ED)

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```
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          1 639792-00-0
          0 639792-00-0D
L3      1 639792-00-0/RN
          (639792-00-0 (NOTL) 639792-00-0D )
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L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:2871 CAPLUS  
DN 140:77162  
TI Preparation of cyclohexane dicarboxamides for treating diseases associated with cysteine protease activity  
IN Bailey, Andrew; Paireaudieu, Garry; Patel, Anil; Thom, Stephen  
PA Astrazeneca AB, Swed.  
SO PCT Int. Appl., 29 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
EAN CNT 1

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004000825	A1	20031231	WO 2003-SE1080	20030623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,				

PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
AU 2003243097 A1 20040106 AU 2003-243097 20030623  
EP 1532124 A1 20050525 EP 2003-761003 20030623  
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
JP 2005533805 T2 20051110 JP 2004-515330 20030623  
US 2005245522 A1 20051103 US 2004-518818 20041220  
PRAI SE 2002-1977 A 20020624  
WO 2003-SE1080 W 20030623  
OS MARPAT 140:77162

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.54	73.32

STN INTERNATIONAL LOGOFF AT 17:26:48 ON 28 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptamxg1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 AUG 09 INSPEC enhanced with 1898-1968 archive  
NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced  
NEWS 5 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes  
NEWS 6 SEP 21 CA/CAplus fields enhanced with simultaneous left and right truncation  
NEWS 7 SEP 25 CA(SM)/CAplus(SM) display of CA Lexicon enhanced  
NEWS 8 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates  
NEWS 9 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine  
NEWS 10 SEP 28 CEABA-VTB classification code fields reloaded with new

classification scheme

NEWS 11 OCT 19 LOGOFF HOLD duration extended to 120 minutes

NEWS 12 OCT 19 E-mail format enhanced

NEWS 13 OCT 23 Option to turn off MARPAT highlighting enhancements available

NEWS 14 OCT 23 CAS Registry Number crossover limit increased to 300,000 in multiple databases

NEWS 15 OCT 23 The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded

NEWS 16 OCT 30 CHEMLIST enhanced with new search and display field

NEWS 17 NOV 03 JAPIO enhanced with IPC 8 features and functionality

NEWS 18 NOV 10 CA/CAplus F-Term thesaurus enhanced

NEWS 19 NOV 10 STN Express with Discover! free maintenance release Version 8.01c now available

NEWS 20 NOV 20 CAS Registry Number crossover limit increased to 300,000 in additional databases

NEWS 21 NOV 20 CA/CAplus to MARPAT accession number crossover limit increased to 50,000

NEWS 22 DEC 01 CAS REGISTRY updated with new ambiguity codes

NEWS 23 DEC 11 CAS REGISTRY chemical nomenclature enhanced

NEWS 24 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated

NEWS 25 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and functionality

NEWS 26 DEC 18 CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role

NEWS 27 DEC 18 CA/CAplus patent kind codes updated

NEWS 28 DEC 18 MARPAT to CA/CAplus accession number crossover limit increased to 50,000

NEWS 29 DEC 18 MEDLINE updated in preparation for 2007 reload

NEWS 30 DEC 27 CA/CAplus enhanced with more pre-1907 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available
NEWS PRICE	STN 2007 Prices

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FILE 'HOME' ENTERED AT 19:55:18 ON 28 DEC 2006

=> file capsu  
'CAPSU' IS NOT A VALID FILE NAME  
SESSION CONTINUES IN FILE 'HOME'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file caplus  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'CAPLUS' ENTERED AT 19:55:35 ON 28 DEC 2006  
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FILE COVERS 1907 - 28 Dec 2006 VOL 146 ISS 1  
FILE LAST UPDATED: 27 Dec 2006 (20061227/ED)

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=> s us 2005-0245522/pn
L1           1 US 2005-0245522/PN
              (US2005245522/PN)
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=> sel rn
E1 THROUGH E28 ASSIGNED
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.49	2.70

FILE 'REGISTRY' ENTERED AT 19:55:50 ON 28 DEC 2006  
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STRUCTURE FILE UPDATES: 27 DEC 2006 HIGHEST RN 916420-05-8  
DICTIONARY FILE UPDATES: 27 DEC 2006 HIGHEST RN 916420-05-8

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

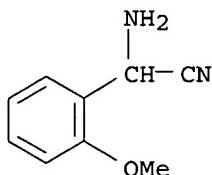
<http://www.cas.org/ONLINE/UG/regprops.html>

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1 110-91-8/BI  
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1 14166-21-3/BI  
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1 2252-63-3/BI  
(2252-63-3/RN)  
1 37353-41-6/BI  
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1 6011-14-9/BI  
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1 639792-00-0/BI  
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1 639792-18-0/BI  
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(70931-28-1/RN)  
1 71749-03-6/BI  
(71749-03-6/RN)  
1 71965-46-3/BI  
(71965-46-3/RN)  
1 96894-64-3/BI  
(96894-64-3/RN)

L2 28 (104839-08-9/BI OR 109-01-3/BI OR 110-91-8/BI OR 14166-21-3/BI  
OR 2252-63-3/BI OR 37353-41-6/BI OR 6011-14-9/BI OR 639792-00-0/  
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2-04-4/BI OR 639792-05-5/BI OR 639792-06-6/BI OR 639792-07-7/BI  
OR 639792-08-8/BI OR 639792-09-9/BI OR 639792-10-2/BI OR 639792-1  
1-3/BI OR 639792-12-4/BI OR 639792-13-5/BI OR 639792-14-6/BI OR  
639792-15-7/BI OR 639792-18-0/BI OR 70931-28-1/BI OR 71749-03-6/B  
I OR 71965-46-3/BI OR 96894-64-3/BI)

L2 ANSWER 1 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-18-0 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Benzeneacetonitrile,  $\alpha$ -amino-2-methoxy-, monohydrochloride (9CI)  
     (CA INDEX NAME)  
 MF C9 H10 N2 O . Cl H  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 CRN (96929-45-2)

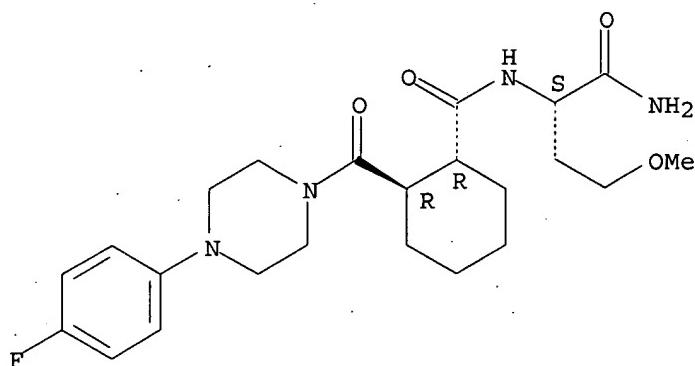


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-15-7 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-[(1S)-1-(aminocarbonyl)-3-methoxypropyl]-2-[[4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C23 H33 F N4 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



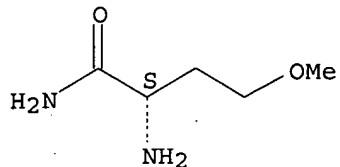
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-14-6 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Butanamide, 2-amino-4-methoxy-, monohydrochloride, (2S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH  
MF C5 H12 N2 O2 . Cl H  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (735262-94-9)

Absolute stereochemistry.

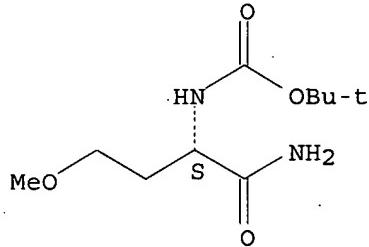


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-13-5 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Carbamic acid, [(1S)-1-(aminocarbonyl)-3-methoxypropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H20 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

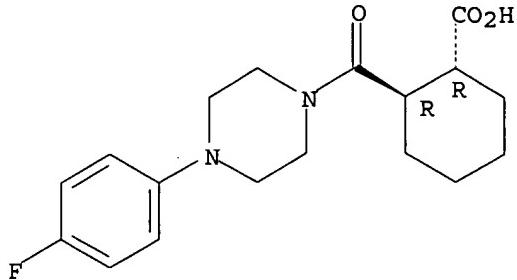


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-12-4 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxylic acid, 2-[(4-(4-fluorophenyl)-1-piperazinyl]carbonyl-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C18 H23 F N2 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

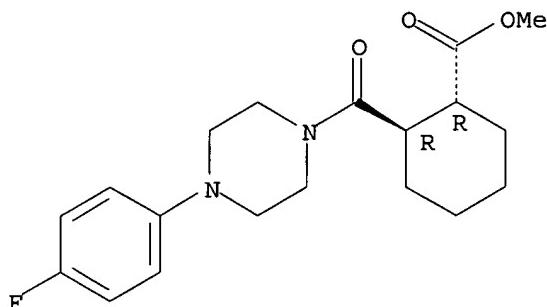


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-11-3 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxylic acid, 2-[[4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, methyl ester, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C19 H25 F N2 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry..

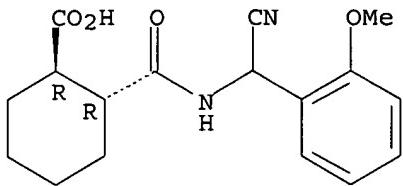


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-10-2 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxylic acid, 2-[[[cyano(2-methoxyphenyl)methyl]amino]carbonyl]-, (1R,2R)-rel- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H20 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

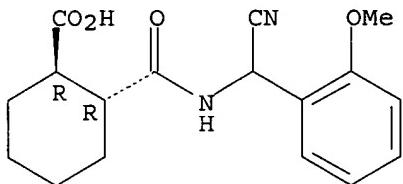


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-09-9 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxylic acid, 2-[[[cyano(2-methoxyphenyl)methyl]amino]carbon  
yl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H20 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

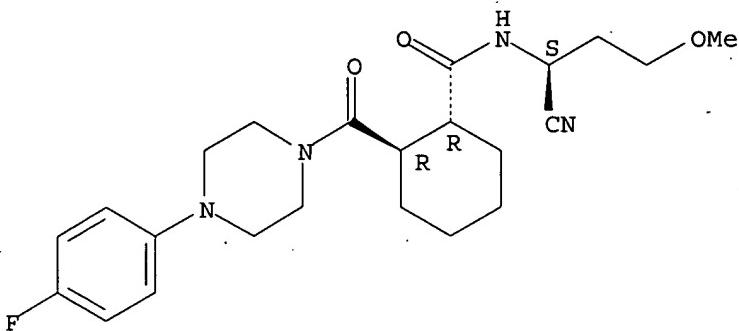


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-08-8 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[(1S)-1-cyano-3-methoxypropyl]-2-[[4-(4-  
fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H31 F N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

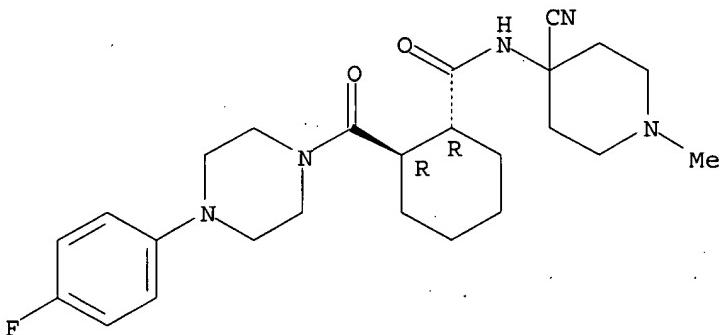


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-07-7 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-(4-cyano-1-methyl-4-piperidinyl)-2-[(4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C25 H34 F N5 O2  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

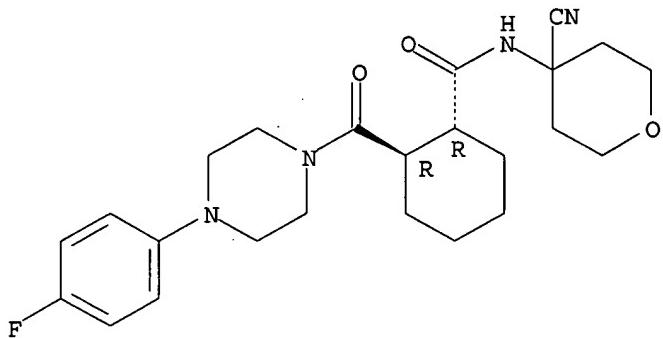


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 639792-06-6 REGISTRY  
 ED Entered STN: 21 Jan 2004  
 CN Cyclohexanecarboxamide, N-(4-cyanotetrahydro-2H-pyran-4-yl)-2-[(4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C24 H31 F N4 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

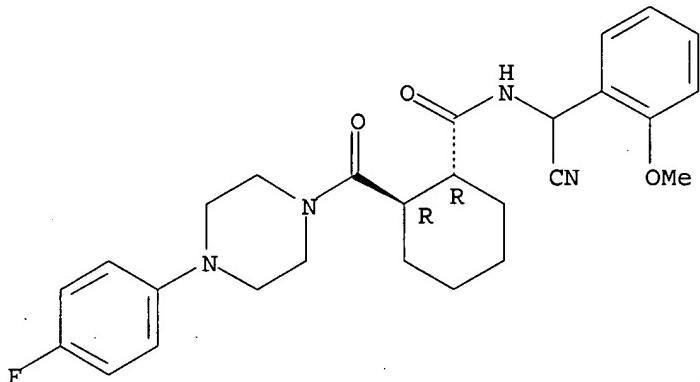


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-05-5 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[[4-(4-fluorophenyl)-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C27 H31 F N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

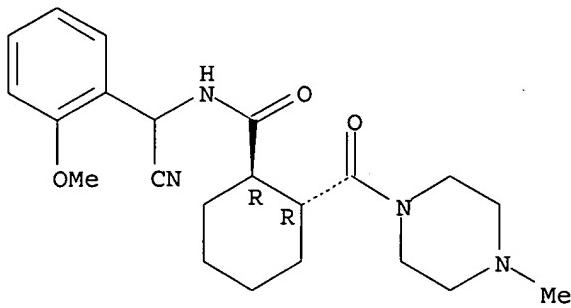


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-04-4 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[(4-methyl-1-piperazinyl)carbonyl]-, (1R,2R)-rel- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H30 N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

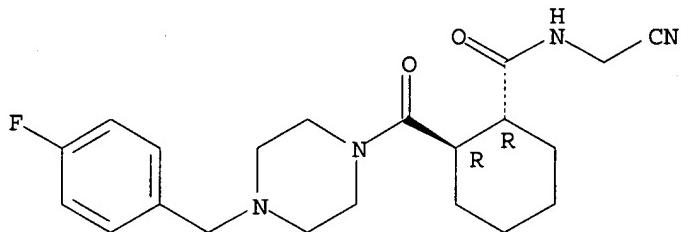


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-03-3 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-(cyanomethyl)-2-[[4-[(4-fluorophenyl)methyl]-1-piperazinyl]carbonyl]-, (1R,2R)-rel- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H27 F N4 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

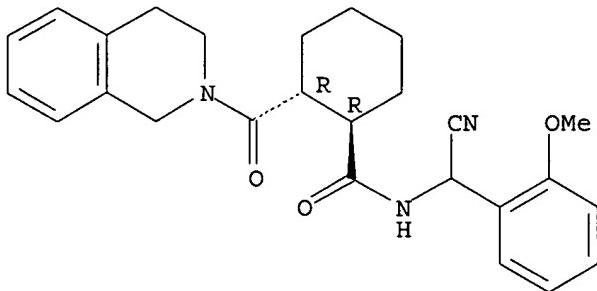


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-02-2 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[(3,4-dihydro-2(1H)-isoquinolinyl)carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C26 H29 N3 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

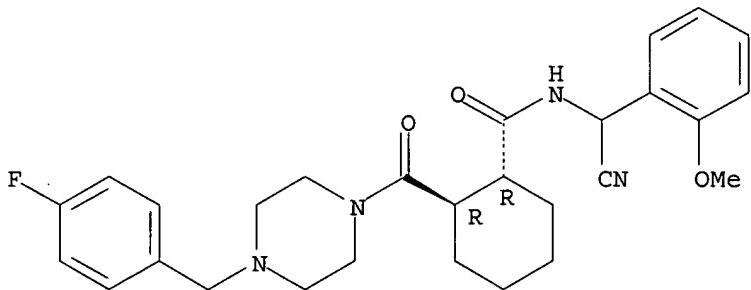


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-01-1 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-[[4-[(4-fluorophenyl)methyl]-1-piperazinyl]carbonyl]-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C28 H33 F N4 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

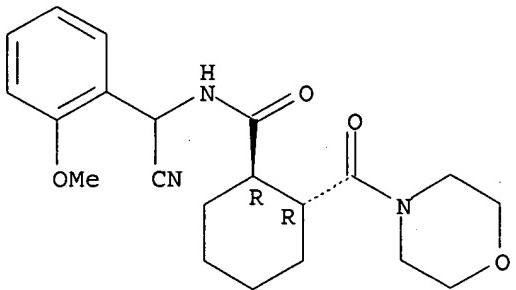


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-00-0 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-(4-morpholinylcarbonyl)-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H27 N3 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

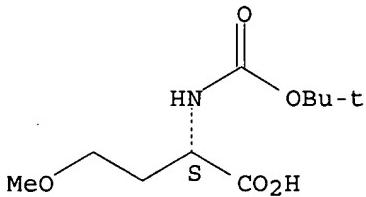


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 104839-08-9 REGISTRY  
ED Entered STN: 25 Oct 1986  
CN L-Homoserine, N-[(1,1-dimethylethoxy)carbonyl]-O-methyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN N-tert-Butoxycarbonyl-O-methyl-L-homoserine  
FS STEREOSEARCH  
MF C10 H19 N O5  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

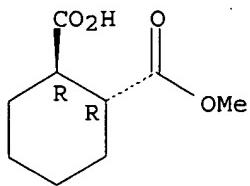


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 96894-64-3 REGISTRY  
ED Entered STN: 23 Jun 1985  
CN 1,2-Cyclohexanedicarboxylic acid, monomethyl ester, (1R,2R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,2-Cyclohexanedicarboxylic acid, monomethyl ester, (1R-trans)-  
OTHER NAMES:  
CN (1R,2R)-1,2-Cyclohexanedicarboxylic acid monomethyl ester  
FS STEREOSEARCH  
MF C9 H14 O4  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMINFORMRX, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 71965-46-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Cathepsin S (9CI) (CA INDEX NAME)  
MF Unspecified  
CI COM, MAN  
LC STN Files: AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CIN, EMBASE, PROMT, TOXCENTER, USPAT2, USPATFULL

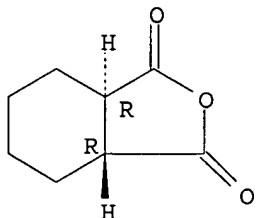
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

692 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
696 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 71749-03-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Isobenzofurandione, hexahydro-, (3aR,7aR)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,3-Isobenzofurandione, hexahydro-, (3aR-trans)-  
OTHER NAMES:  
CN (+)-trans-Cyclohexane-1,2-dicarboxylic anhydride  
FS STEREOSEARCH  
MF C8 H10 O3  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CSCHEM, GMELIN\*, SPECINFO, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).

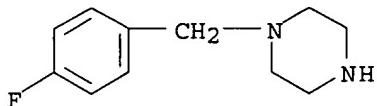


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1907 TO DATE)  
14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 22 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 70931-28-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Piperazine, 1-[(4-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-(4-Fluorobenzyl)piperazine  
CN 1-(p-Fluorobenzyl)piperazine  
CN N-(4-Fluorobenzyl)piperazine  
MF C11 H15 F N2  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM,  
TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

69 REFERENCES IN FILE CA (1907 TO DATE)  
69 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 23 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 37353-41-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Proteinase, cysteine (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Cysteine endopeptidase  
CN Cysteine endoprotease  
CN Cysteine peptidase  
CN Cysteine protease  
CN Cysteine proteinase  
CN L-Cysteine proteinase  
CN Mercapto proteinase  
CN Sulfhydryl endopeptidase  
CN Sulfhydryl esterase  
CN Sulfhydryl protease  
CN Sulfhydryl proteinase  
CN Thiol endopeptidase  
CN Thiol endoproteinase  
CN Thiol protease  
CN Thiol proteinase  
CN Thioprotease  
CN Trigger peptidase  
DR 51484-59-4, 116155-86-3, 116412-41-0, 117990-23-5  
MF Unspecified  
CI MAN  
LC STN Files: ADISNEWS, AGRICOLA, BIOSIS, BIOTECHNO, CA, CAPLUS, CIN,  
EMBASE, MEDLINE, PROMT, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

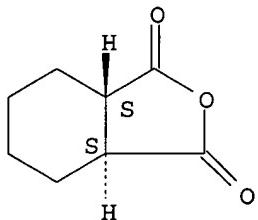
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4382 REFERENCES IN FILE CA (1907 TO DATE)  
38 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
4391 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 14166-21-3 REGISTRY  
ED Entered STN: 16 Nov 1984

CN 1,3-Isobenzofurandione, hexahydro-, (3aR,7aR)-rel- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 1,2-Cyclohexanedicarboxylic anhydride, trans- (8CI)  
 CN 1,3-Isobenzofurandione, hexahydro-, trans-  
 OTHER NAMES:  
 CN dl-trans-1,2-Cyclohexanedicarboxylic anhydride  
 CN trans-1,2-Cyclohexanedicarboxylic anhydride  
 CN trans-Cyclohexane-1,2-dicarboxylic acid anhydride  
 CN trans-Hexahydropthalic anhydride  
 FS STEREOSEARCH  
 DR 128049-67-2, 97233-90-4  
 MF C8 H10 O3  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,  
     CHEMLIST, CSCHEM, GMELIN\*, SPECINFO, TOXCENTER, USPATFULL  
     (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

125 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 125 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 25 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 6011-14-9 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Acetonitrile, amino-, monohydrochloride (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Glycinonitrile, monohydrochloride (8CI)  
 OTHER NAMES:  
 CN  $\alpha$ -Aminoacetonitrile hydrochloride  
 CN 2-Aminoacetonitrile hydrochloride  
 CN Aminoacetonitrile hydrochloride  
 CN Aminoacetonitrile monohydrochloride  
 CN Glycinonitrile hydrochloride  
 MF C2 H4 N2 . Cl H  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM,  
     IFICDB, IFIPAT, IFIUDB, MRCK\*, MSDS-OHS, PS, RTECS\*, TOXCENTER, USPAT2,  
     USPATFULL  
     (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (540-61-4)

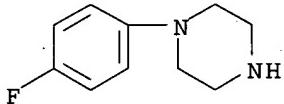
H<sub>2</sub>N—CH<sub>2</sub>—C≡N

● HCl

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

268 REFERENCES IN FILE CA (1907 TO DATE)  
268 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 26 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 2252-63-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Piperazine, 1-(4-fluorophenyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Piperazine, 1-(p-fluorophenyl)- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1-(4-Fluorophenyl)piperazine  
CN 1-(p-Fluorophenyl)piperazine  
CN 4-(4-Fluorophenyl)piperazine  
CN N-(4-Fluorophenyl)piperazine  
CN N-(p-Fluorophenyl)piperazine  
CN p-Fluorophenylpiperazine  
MF C10 H13 F N2  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB,  
MEDLINE, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

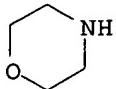


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

665 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
666 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 27 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 110-91-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Morpholine (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-Oxa-4-azacyclohexane  
CN 2H-1,4-Oxazine, tetrahydro-  
CN 4H-1,4-Oxazine, tetrahydro-  
CN BASF 238  
CN Diethylene imidoxide  
CN Diethylene oximide  
CN Diethylenimide oxide  
CN Drewamine  
CN NSC 9376  
CN p-Isoxazine, tetrahydro-  
CN Tetrahydro-1,4-oxazine  
CN Tetrahydro-2H-1,4-oxazine  
CN Tetrahydro-p-oxazine  
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MF C4 H9 N O  
CI COM, RPS

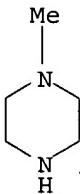
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
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 CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT,  
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT,  
 IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PIRA, PROMT, PS, RTECS\*,  
 SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

21546 REFERENCES IN FILE CA (1907 TO DATE)  
 928 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 21612 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 28 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 109-01-3 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Piperazine, 1-methyl- (8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 1-Methylpiperazine  
 CN N-Methylpiperazine  
 CN NSC 30195  
 CN NSC 30675  
 MF C5 H12 N2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
 CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
 CHEMSAFE, CSCHEM, DETHERM\*, EMBASE, GMELIN\*, IFICDB, IFIPAT, IFIUDB,  
 IPA, MEDLINE, MSDS-OHS, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE,  
 TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6818 REFERENCES IN FILE CA (1907 TO DATE)  
 98 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 6839 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 639792-00-0/rn

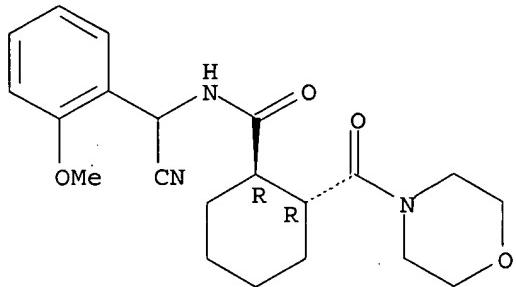
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1 639792-00-0/RN

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 639792-00-0 REGISTRY  
ED Entered STN: 21 Jan 2004  
CN Cyclohexanecarboxamide, N-[cyano(2-methoxyphenyl)methyl]-2-(4-morpholinylcarbonyl)-, (1R,2R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H27 N3 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus	SINCE FILE ENTRY	TOTAL SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	56.42	59.12

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FILE LAST UPDATED: 27 Dec 2006 (20061227/ED)

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=> s 639792-00-0/rn

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(639792-00-0 (NOTL) 639792-00-0D )

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:2871 CAPLUS  
DN 140:77162  
TI Preparation of cyclohexane dicarboxamides for treating diseases associated with cysteine protease activity  
IN Bailey, Andrew; Paireau, Garry; Patel, Anil; Thom, Stephen  
PA AstraZeneca AB, Swed.  
SO PCT Int. Appl., 29 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004000825	A1	20031231	WO 2003-SE1080	20030623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	EP 1532124	A1	20050525	EP 2003-761003	20030623
	EP 1532124	B1	20060719		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2005533805	T	20051110	JP 2004-515330	20030623
	AT 333451	T	20060815	AT 2003-761003	20030623
	US 2005245522	A1	20051103	US 2004-518818	20041220
PRAI	SE 2002-1977	A	20020624		
	WO 2003-SE1080	W	20030623		
OS	MARPAT 140:77162				
RE.CNT 2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> s 12 and cathepsin  
31227 L2  
15747 CATHEPSIN  
L5 1585 L2 AND CATHEPSIN

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=> s 16 and cathepsin

15747 CATHEPSIN

L7 1 L6 AND CATHEPSIN

=> d

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:2871 CAPLUS

DN 140:77162

TI Preparation of cyclohexane dicarboxamides for treating diseases associated with cysteine protease activity

IN Bailey, Andrew; Pairaudeau, Garry; Patel, Anil; Thom, Stephen

PA AstraZeneca AB, Swed.

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004000825	A1	20031231	WO 2003-SE1080	20030623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003243097	A1	20040106	AU 2003-243097	20030623
	EP 1532124	A1	20050525	EP 2003-761003	20030623
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	JP 2005533805	T	20051110	JP 2004-515330	20030623
	AT 333451	T	20060815	AT 2003-761003	20030623
	US 2005245522	A1	20051103	US 2004-518818	20041220
PRAI	SE 2002-1977	A	20020624		
	WO 2003-SE1080	W	20030623		

OS MARPAT 140:77162

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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Executing the logoff script...

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	71.12	130.24

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